

**UNCLASSIFIED**

**MSG DTG 061300Z FEB 12**

**FROM COMMANDER, AMCOM, REDSTONE ARSENAL, AL //AMSAM-SFA//**

**SUBJECT - AVIATION MAINTENANCE ACTION MESSAGE (AMAM),  
MAINTENANCE MANDATORY, ALL OH-58D SERIES AIRCRAFT, FULL  
AUTHORITY DIGITAL ENGINE CONTROL (FADEC) AUTO/MANUAL SWITCH,  
H-58-12-AMAM-05**

**NOTE**

This message is effective until rescinded or revised.

**NOTE**

This message is issued IAW AR 750-6 and has not been officially transmitted to units subordinate to addressees. Commanders of Army Commands (ACOM), Army National Guard (ARNG), Army Service Component Commands (ASCC), and Direct Reporting Units (DRU) will immediately retransmit this message to all subordinate units, activities or elements affected or concerned, and immediately confirm this re-transmittal by notification to the AMCOM SOF Compliance Officer at ["safeadm@conus.army.mil"](mailto:safeadm@conus.army.mil).

**NOTE**

Commanders or Directors (not lower than the grade of Major General or civilian equivalent) of ACOMs, ARNG, ASCCs, and DRUs may authorize temporary exception from message requirements IAW AR 750-6, para 2-9 and 2-19. Exception may only occur when combat operations, matter of life or death in civil disasters, or other emergencies, are so urgent that they override the consequences of continued aircraft operation.

**NOTE**

Commanders unable to comply with the requirements of this message within the time frame specified will change the affected aircraft status symbol to a Red //X//.

**NOTE**

Commanders, Facility Managers, and Contractors at all levels, to include aircraft in DD 250 status, will not issue aircraft until they are in compliance with this message. This message will not apply to aircraft which are transferred to the U.S. Government via DD Form 250

after the message DTG.

**NOTE**

A listing of published safety messages, to include TAMMS Reports, Inspection Reports, and any Supplements/Addendums required by this message can be downloaded at: "<https://asmprd.redstone.army.mil>". This is a secure website which requires an Army Knowledge Online (AKO), "<https://www.us.army.mil>", user ID and password.

**1. SUMMARY -**

1.1. Nine Product Quality Deficiency Reports (PQDRS) have been filed for Full Authority Digital Engine Control (FADEC) AUTO/MANUAL Switch failures due to environmental contamination and wear from use. To prevent FADEC Switch failures, periodic replacement of the Switch is required.

1.2. Message Purpose -

1.2.1. Require a recurring 600 Hour Switch replacement.

1.2.2. Provide required Technical Manual (TM) changes.

**2. END ITEMS AFFECTED - All OH-58D series aircraft.**

**3. ASSEMBLIES/COMPONENTS/PARTS AFFECTED -**

Nomenclature	PN	NSN
Switch, Toggle	LED-AC-25-K7-80011	5930-01-485-0364

**4. INITIAL AIRCRAFT TAMMS (THE ARMY MAINTENANCE MANAGEMENT SYSTEM) ENTRY -**

**NOTE**

When complying with the requirements of this message, complete forms and records entries IAW DA PAM 738-751. ULLS-A units will use appropriate "E" forms.

Upon receipt of this message, make the following entry on DA Form 2408-13-1. Enter a Red Horizontal Dash // - // status symbol with the following statement: "Comply with requirements of H-58-12-AMAM-05 at [####.#] aircraft hours but NLT 05 FEB 2014." Calculate [####.#] as the aircraft hours at the NEXT scheduled 600 Hour Engine Service. If the aircraft is currently in a 600 Hour Engine Service, the aircraft hours may be calculated as the NEXT scheduled service.

**5. COMPLIANCE REPORTING REQUIREMENTS -**

**NOTE**

Report compliance with this message, as defined below, via the AMCOM Message Tracking System (AMTRACKS) at ["https://amtracks.redstone.army.mil"](https://amtracks.redstone.army.mil). Unit personnel designated to submit compliance reports, that have not registered with AMTRACKS, must establish a profile at this web site before submitting their compliance reports.

5.1. Aircraft Initial Compliance Report - Submit Initial Compliance Report via AMTRACKS NLT 13 FEB 2012 IAW AR 750-6. The Initial Compliance Report consists of the Aircraft SN, MDS, and Date of Initial TAMMS Entry for all assigned aircraft. This report only confirms that the unit has made the initial logbook entry.

5.2. Aircraft Final Compliance Report - Submit Final Compliance Report via AMTRACKS within 3 days of the inspection, but NLT 5 FEB 2014 IAW AR 750-6. This report will include Date Replaced, and check the boxes "Entered on DA Form 2408-18" and "Entered on DA Form 2408-15".

5.3. Retail Stock Task/Inspection Compliance Report (Installation level and below) - N/A.

5.4. Wholesale Stock Task/Inspection Compliance Report (Including Depot Stock, Depot Maintenance and Single Stock Fund) - N/A.

**6. SPECIAL PROVISIONS TO MESSAGE REQUIREMENTS (AIRCRAFT) -** Aircraft in Transit (Surface/Air Shipment/Ferry Status/Aircraft Away From Home Station) - Unit Commanders unable to comply with the requirement specified in para 4 may defer making the initial Aircraft TAMMS entry until arrival at final destination.

**7. TECHNICAL PROCEDURES/INSTRUCTIONS -**

**NOTE**

Unless otherwise stated, all maintenance tasks will be performed IAW TM 1-1520-248-23.

**NOTE**

Requests for exceptions/deviations to this message will be submitted IAW AR 750-6. For assistance in requesting a waiver contact to the AMCOM Safety POC in para 13.5.1.

7.1. During the next 600 Hour engine service, remove and replace the FADEC AUTO/MANUAL Switch.

7.2 Annotate the DA Form 2408-18 with a 600 Hour recurring FADEC AUTO/MANUAL Switch replacement inspection: SYS Code "A"; Item Number "545"; Freq Type "H"; Freq "600"; Tolerance "10 Percent"; WUC "08B42A"; Ref "H-58-12-AMAM-05"; Narrative "REPLACE THE FADEC AUTO/MANUAL SWITCH"; EIC "ROC" ; Oil Sample "N". This entry will be removed from the DA Form 2408-18 when the official TM change is received IAW para 12.2 of this AMAM.  
 7.3. Clear the initial entry from para 4 and note compliance on DA Form 2408-15.

**8. PROCEDURES/INSTRUCTIONS FOR ASSEMBLIES/COMPONENTS/PARTS IN WORK OR IN STOCK (AT ALL LEVELS INCLUDING WAR RESERVES) - N/A.**

**9. SPECIAL TOOLS AND FIXTURES REQUIRED - N/A.**

**10. SUPPLY/PARTS (REQUISITION/DISPOSITION) -**

10.1. Parts Required -

Nomenclature	PN/NSN	Qty	Cost ea.	Total \$
Switch, Toggle	LED-AC-25-K7-80011	1	\$910.89	\$910.89
	5930-01-485-0364			

Total cost per aircraft = \$910.89

10.2. Bulk and Consumable Materials - N/A.

**NOTE**

Project Code "X81" (X-ray Eight One) is required to track and establish a data base of stock fund expenditures incurred by the field as a result of message actions.

10.3. Requisitioning Instructions - Requisition replacement parts using normal supply procedures. All requisitions shall use Project Code "X81".

10.4. Disposition of Discrepant Parts/Components - Dispose of using normal supply procedures. All turn-in documents must include Project Code "X81".

10.5. Disposition of Hazardous Material - N/A.

**11. MAINTENANCE APPLICATION -**

11.1. Category of Maintenance - Field Level Maintenance.

**NOTE**

The time stated below does not include time for Maintenance Operational Checks or Test Flights.

11.2. Estimated Time Required for repair/replacement - Total of 1.0 man-hour using 1 person.

## **12. PUBLICATION REQUIREMENTS -**

### 12.1. References -

12.1.1. AR 750-6.

12.1.2. DA Pam 738-751.

12.1.3. TM 1-1520-248-23.

12.2. Publication Changes - TM 1-1520-248-23 shall be changed to reflect this message. A copy of this message will be used as authority to implement the change until the official TM change is received. Aircraft Inspection Checklist - Scheduled Inspections, 600 Hours of Operation: ADD Line f. to read "Replace FADEC AUTO/MANUAL switch".

## **13. POINTS OF CONTACT -**

### 13.1. Technical POCs -

13.1.1. Primary - Mr. Tim Snider (Avion Inc), DSN 897-2405 or 256-313-2405. Fax: DSN 788-6758 or 256-842-6758. Email: "[timothy.snider@us.army.mil](mailto:timothy.snider@us.army.mil)".

13.1.2. Alternate - Mr. Lon Stanger, DSN 897-4304 or 256-313-4304. Fax: DSN 746-8373 or 256-876-6758. Email: "[lon.stanger@us.army.mil](mailto:lon.stanger@us.army.mil)".

13.2. Project/Product Manager's (PM) Office POC - Mr. Charles Wright, DSN 645-7077 or 256-955-7077. Fax: DSN 645-7125 or 256-955-7125. Email: "[charles.d.wright@us.army.mil](mailto:charles.d.wright@us.army.mil)".

13.3. Wholesale Materiel POC (DLA) - Mr. Bill Hutteman, DSN 695-4771 or 804-279-4771. Fax: DSN 695-2562 or 804-279-2562. Email: "[william.huttemann@dla.mil](mailto:william.huttemann@dla.mil)".

13.4. Forms and Records POC - Ms. Renate Richters, DSN 746-2570 or 256-876-2570. Email:

"[reds.tamms.a.policy@conus.army.mil](mailto:reds.tamms.a.policy@conus.army.mil)" or "[renate.richters@us.army.mil](mailto:renate.richters@us.army.mil)".

### 13.5. AMCOM Safety POCs -

13.5.1. Safety (Primary) - Mr. Harry Trumbull, DSN 897-2095 or 256-313-2095. Email: "[harry.trumbull@us.army.mil](mailto:harry.trumbull@us.army.mil)".

13.5.2. Safety (Alternate) - Mr. Don Swallom, DSN 788-8641 or 256-842-8641. Email: "[donald.swallom@us.army.mil](mailto:donald.swallom@us.army.mil)".

13.5.3. AMTRACKS (Primary) - Mr. Vic Mosley, DSN 788-8620 or 256-842-8620. Email: "[safeadm@conus.army.mil](mailto:safeadm@conus.army.mil)" or "[victor.mosley1@us.army.mil](mailto:victor.mosley1@us.army.mil)".

13.5.4. AMTRACKS (Alternate) - Ms. Teri Phipps, DSN 897-2097 or 256-313-2097. Email: "[teri.phipps@us.army.mil](mailto:teri.phipps@us.army.mil)".

### 13.6. Foreign Military Sales POCs -

13.6.1. Primary - Mr. Tom Gibson, DSN 788-1077 or 256-842-1077. Email: "[thomas.b.gibson@us.army.mil](mailto:thomas.b.gibson@us.army.mil)".

13.6.2. Alternate - Mr. Robert Dubose, DSN 788-1068 or 256-842-1068. Email: "[robert.dubose@us.army.mil](mailto:robert.dubose@us.army.mil)".

13.7. After hours, contact the AMCOM Operations Center (AOC), DSN 897-2066/7 or 256-313-2066/7.